

STATE OF MISSOURI  
**DEPARTMENT OF NATURAL RESOURCES**  
MISSOURI CLEAN WATER COMMISSION



**MISSOURI STATE OPERATING PERMIT**

GENERAL PERMIT

In compliance with the Missouri Clean Water Law, (Chapter 644 R.S. Mo. as amended, hereinafter, the Law), and the Federal Water Pollution Control Act (Public Law 92-500, 92<sup>nd</sup> Congress) as amended,

MO-R80J000

is authorized to discharge from the facility described herein, in accordance with the effluent limitations and monitoring requirements as set forth herein:

**FACILITY DESCRIPTION**

All Outfalls

Storm water runoff.

Flow is dependent upon precipitation.

Cleanup at sites used for disposal of lead, cadmium, PCB, and PAH contaminated solid hazardous waste from railcar cleaning operations. This permit is only applicable to select sites associated with the Cherryville siding in Crawford County under the control of Burlington Northern Railway Company.

This permit authorizes only wastewater, including storm waters, discharges under the Missouri Clean Water Law and the National Pollutant Discharge Elimination System; it does not apply to other regulated areas. This permit may be appealed in accordance with Section 644.051.6 of the Law.

April 25, 1997

Effective Date

John A. Young

Director, Division of Environmental Quality

April 24, 2002

Expiration Date

Director of Staff, Clean Water Commission

#### APPLICABILITY

1. This permit authorizes the discharge of storm water runoff from remediation activities at a limited group of sites which may have been formerly used for disposal of solid and/or hazardous waste potentially from railcar cleaning operations to Waters of the State. This permit is for a limited number of cleaning operations listed under Standard Industrial Classification (SIC) code 4011, Railroads, Line Haul Operating.
2. In accordance with state regulations (10 CSR 20-6.020), this general permit was public noticed before issuance. This general permit will not require public notification before issuance to individual facilities.
3. If at any time the Missouri Department of Natural Resources determines that the quality of waters of the state may be better protected by requiring the owner/operator of the permitted site to apply for a site specific permit, the department may do so.
4. This permit is not transferable to other owners or operators (supersedes Part I Standard Condition Section B: 9. Permits Transferable).

#### REQUIREMENTS

Note: These requirements do not supersede nor remove liability for compliance with county and other local ordinances.

1. The discharge of storm water from these facilities shall not cause a violation of the State Water Quality Standards, 10 CSR 20-7.031, which states, in part, that no water contaminant, by itself or in combination with other substances, shall prevent the waters of the state from meeting the following conditions:
  - a. Waters shall be free from substances in sufficient amounts to cause the formation of putrescent, unsightly or harmful bottom deposits or prevent full maintenance of beneficial uses;
  - b. Waters shall be free from oil, scum and floating debris in sufficient amounts to be unsightly or prevent full maintenance of beneficial uses;
  - c. Waters shall be free from substances in sufficient amounts to cause unsightly color or turbidity, offensive odor or prevent full maintenance of beneficial uses;
  - d. Waters shall be free from substances or conditions in sufficient amounts to have a harmful effect on human, animal or aquatic life.
  - e. There shall be no significant human health hazard from incidental contact with the water;
  - f. There shall be no acute toxicity to livestock or wildlife watering;
  - g. Waters shall be free from physical, chemical, or hydrological changes that would impair the natural biological community;
  - h. Waters shall be free from used tires, car bodies, appliances, demolition debris, used vehicles or equipment and solid waste as defined in Missouri's Solid Waste Law, section 260.200, RSMo, except as the use of such materials is permitted pursuant to section 260.200-260.247
2. Best Management Practices (BMPs) to control erosion must be in place before beginning, and during removal activities. These BMPs may include straw bales, silt fencing and any other measures needed to reduce soil erosion to meet permit limits.

#### TERMINATION OF PERMIT

This permit may be terminated when remediation activities are completed and when all areas remediated are stabilized (by seeding, mulching, sodding, landscaping, paving, etc.). The permittee must submit the termination form AForm H@ to obtain official termination of this general permit.

SAMPLING REQUIREMENTS

A discharge monitoring report (DMR) must be submitted quarterly. The DMR must include all information required on the effluent limitations and monitoring page of this permit. When a sample cannot be collected due to insufficient rainfall, the permittee shall report as "no discharge". Monitoring requirements shall apply from the time site remediation begins until the permit is terminated.

The permittee shall submit a brief written report describing implementation of BMPs at the site with each discharge monitoring report (DMR).

The permittee shall also provide written notification to the Water Pollution Control Program's Central Office within 24 hours if water quality data indicate permit limitations have been exceeded. An explanation of actions that will be taken to correct the situation must be included.

<b>A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS</b>					PAGE NUMBER 4 of 4	
					PERMIT NUMBER MO-R80J000	
The permittee is authorized to discharge from outfall(s) with serial number(s) as specified in the application for this permit. The final effluent limitations shall become effective upon issuance and remain in effect until expiration of the permit. Such discharges shall be controlled, limited and monitored by the permittee as specified below:						
OUTFALL NUMBER AND EFFLUENT PARAMETER(S)	UNITS	FINAL EFFLUENT LIMITATIONS			MONITORING REQUIREMENTS	
		DAILY MAXIMUM	WEEKLY AVERAGE	MONTHLY AVERAGE	MEASUREMENT FREQUENCY	SAMPLE TYPE
<u>All Outfalls</u>						
Flow	MGD	*		*	once/week when discharge occurs	24 hr. estimate
pH - Units	SU	**		**	once/week when discharge occurs	grab***
Settleable Solids	mL/L/hr	1.5		1.0	once/week when discharge occurs	grab***
Lead, Total Recoverable	µg/L	190		190	once/week when discharge occurs	grab***
Cadmium, Total Recoverable	µg/L	72		72	once/week when discharge occurs	grab***
Polychlorinated Biphenyls (PCBs)	µg/L	****		****	once/week when discharge occurs	grab***
Polynuclear Aromatic Hydrocarbons (PAHs)	µg/L	*		*	once/week when discharge occurs	grab***
MONITORING REPORTS SHALL BE SUBMITTED <u>QUARTERLY</u> ; THE FIRST REPORT IS DUE _____ THERE SHALL BE NO DISCHARGE OF FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.						
<b>B. STANDARD CONDITIONS</b>						
IN ADDITION TO SPECIFIED CONDITIONS STATED HEREIN, THIS PERMIT IS SUBJECT TO THE ATTACHED <u>Part I</u> STANDARD CONDITIONS DATED <u>October 1, 1980</u> , AND HEREBY INCORPORATED AS THOUGH FULLY SET FORTH HEREIN.						

MO 780-0010 (8/91)

**A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (continued)**

\* Monitoring requirement only.

\*\* pH is measured in pH units and is not averaged. pH is limited to the range of 6.0-9.0.

\*\*\* A representative grab sample shall be collected during a rainfall that results in a discharge.

\*\*\*\* There shall be no release of PCB's to Waters of the State at or above the level of quantification currently defined as 0.5 µg/L or 0.5 ppb.

Public Notice Date:  
Permit Number: MO-R80J000

FACILITY NAME AND ADDRESS	NAME AND ADDRESS OF OWNER
Various throughout the state.	Various throughout the state.
RECEIVING STREAM & LEGAL DESCRIPTION	TYPE OF DISCHARGE
Various throughout the state.	Railroad waste cleanup